CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-06/361/Cube/2017-18 15.07.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

*** Customer**	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
*** Agency**	:	**Technical Manager (West),** KRIDL, Bangalore.
*** Name of the work**	:	Construction of RCC drains & CC roads at Lake view side Defence Colony at Mallasandra in Ward No. 13, Shettyhalli Sub Division, BBMP, Bangalore.
*** Reference**	:	BBMP/EE/DD/WO/100/2017-18 Dated: 13.06.2017
*** Sample ID**	:	RCC Drain Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	15.07.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.06.2017	15.07.2017	8.115	477.5	21.22
2	17.06.2017	15.07.2017	8.229	489.2	21.74
3	17.06.2017	15.07.2017	8.356	502.3	22.32

*Information is furnished by the Customer/Representative.

Note:

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VIDYARANI P.K.
Technical Manager

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಕಛೇರಿಯ ಉಪಯೋಗಕ್ಕಾಗಿ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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Compressive Strength as on	:	28^{th} day
Sample Received on	:	15.07.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.06.2017	15.07.2017	8.125	512.9	22.80
2	17.06.2017	15.07.2017	8.209	505.7	22.48
3	17.06.2017	15.07.2017	8.382	496.3	22.06

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Compressive Strength as on	:	28^{th} day
Sample Received on	:	15.07.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.06.2017	15.07.2017	8.123	482.8	21.46
2	17.06.2017	15.07.2017	8.299	496.3	22.06
3	17.06.2017	15.07.2017	8.368	507.9	22.57

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VIDYARANI P.K.
Technical Manager

AE-13

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
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Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	17.07.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	19.06.2017	17.07.2017	8.128	485.2	21.56
2	19.06.2017	17.07.2017	8.229	515.9	22.93
3	19.06.2017	17.07.2017	8.367	503.9	22.40

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AE-13

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Sample Received on	:	17.07.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	19.06.2017	17.07.2017	8.207	482.4	21.44
2	19.06.2017	17.07.2017	8.327	498.6	22.16
3	19.06.2017	17.07.2017	8.382	513.4	22.82

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VIDYARANI P.K.
Technical Manager

AE-17
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